

# Hwatime

Modular Monitor

## Features

12.1" color LCD screen with multi channel waveforms display ;  
Resolution : 800\*600, Parameter plug-in box  
Support Thermal Recorder , HD output ;  
Easy connecting with optional central monitoring system ;  
Multi 6-leads ECG display, Big font interface, OxyCRG interface,  
Trend Graphs interface ;  
Built-in rechargeable lithium battery ;  
Optional accessories for adult , pediatrics & neonate  
ISO, CE approved

Standard parameters:

3/5-Lead ECG, Hwatime SpO2 , NIBP, RESP, 2-Temp, PR

Optional:

EtCO2 , 2-IBP, 12 leads ECG, Touchscreen , Thermal Recorder ,  
WLAN/Wireless accessory , Masimo Anesthetic Gas

# HT6

Modular Monitor



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**Hwatime**

Hwatime Medical • Make your life better

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· See instructions for contraindication or precautions

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### ECG

Number of Leads 3 or 5 leads  
Lead View  
User Slectable:I,II,III,aVR,aVL,aVF,V(5 Lead)  
I,II or III(3 lead)  
I,II,III,aVR,aVL,aVF,V1~V6 (12lead)  
Range: adult/neo/ped 15-350bpm  
CMRR: DIG>90dB  
MON>100dB  
SUR>100dB  
Arrhythmia Analysis 13 kinds  
ST Segment analysis -2.0mV~+2.0mV  
ST Segment accuracy -0.8mV~+0.8mV  
Gain Slection 250,500,1000,2000  
Frequency Response  
Diagnostic:0.05 to 130HZ  
Monitor:0.5 to 40 HZ  
Surgery:1-20HZ  
Calibration Signa 1 (mV p-p), Accuracy : ±5%  
ECG Signal Range ±8 m V ( Vp-p )  
Review Available

### SPO2

Range 0 to 100%  
Resolution 1%  
Accuracy  
70% to 99% range ±2%  
0 to 69%; undefined  
Method Dual wavelength LED

### Respiration specification

Mode RA-LL Impedance method  
Bandwidth 0.1 to 2.5 Hz  
Resp rate

Adult 7 to 120 bpm  
Children & Newborns 7 to 150 bpm  
Resolution 1 bpm  
Accuracy 2 bpm

### Pulse Rate

Measurement Range 40 to 240 bpm  
Resolution 1 bpm  
Accuracy 3 bpm

### Work Environment

Operating Temperature (0° to 40°C)  
Storage Temperature (-20° to 60°C)  
Operating Humidity 15% to 90% ,non-condensing

### Power Requirement

Voltage AC110-240V,50HZ  
Power Consumption 8Watts ,typical  
Battery 1 sealed lithium battery  
Battery Life 2 hour  
Recharge time 4.5 hours , typical

### NIBP

Technique Oscillometric during inflation  
Range Adult/Pediatric: 40-240mmHg  
Neonate: 40-150mmHg  
Measurment cycle <40 sec,typical  
Cycles(Selectable) 1, 2,3,4. 5,10,15,30,60, 90,  
120, 180, 240, 480min  
STAT model 5 minutes of continuous reading  
Range Adult SYS 40-270mmHg  
DIA 10-215mmHg  
Mean 20-165mmHg  
Neo SYS 40-200mmHg  
DIA 10-150mmHg  
Mean 20-165mmHg  
Ped SYS 40-135mmHg  
DIA 10-100mmHg  
Mean 20-110mmHg  
Max Allowable Cuff Pressure  
Adult: 300mmHg  
Pediatric: 240 mmHg  
Neonate: 150 mmHg

Resolution 1mmHg  
NIBP Accuracy ±5mmHg  
Look Back 720hours, Waveform 48hours

### Temperature

Channels 2  
Range, Accuracy 0° to 50°C , ±0.1°C  
Display Resolution ±0.1°C  
Probe YSI 400 and YSI 700 Series

### Cacluation&Storage

Dose, Ventilation, Renal, Hemodynamics, Oxygenation  
Storage time 240h, Alarm group 1000

### Optional Co2 (main/side stream plug in)

Range 0-15% 0-114mmHg  
Resolution 1mmHg  
Accuracy ±2mmHg or 5%  
Flow sidestream 50ml/min

### Optional IBP(plug-in)

Accuracy ±2% or ±1mmHg  
Channel 2  
Pressure ART, PA, CVP, RAP, LAP, ICP, P1, P2  
Range PA-6-120mmHg  
CVP, RAP, LAP, ICP -10-40mmHg  
P1, P2 -10-300mmHg

### Optional Recorder

Thermal printer 50mm resolution  
Speed 25mm/s, 50mm/s  
Channel 3, changeable



Plug-in EtCo2, 2-IBP

USB ports for mouse, keyboard,  
Software updating

Standard 6-1 parameters, with  
big volume



ECG waveform interface(optional)



Trend Graphs



Big fond interface



ECG standard interface



OxyCRG interface